

Patent Application: 09/712,390
Docket No: P14121US

Amendments in the claims:

1. (Original) A method of delivering data and real-time media from a first mobile terminal to a second mobile terminal, said data being transferred through a packet-switched network, and said real-time media being transferred through a circuit-switched network, said method comprising the steps of:

passing the real-time media from the first mobile terminal to the second mobile terminal in a circuit switched call;

passing the data from the first mobile terminal to the second mobile terminal in a packet-switched data session;

associating the circuit-switched call with the data session in the second mobile terminal using binding information passed from the first mobile terminal to the second mobile terminal; and

simultaneously presenting the real-time media and the data to a user of the second mobile terminal.

2. (Original) The method of delivering data and real-time media of claim 1 wherein the mobile terminals are Class-A mobile terminals, and the step of passing the data from the first mobile terminal to the second mobile terminal in a packet-switched data session is performed while the circuit-switched call is ongoing.

3. (Currently amended) The method of delivering data and real-time media of claim 1 wherein the mobile terminals are Class-B mobile terminals, and the step of passing the data from the first mobile terminal to the second mobile terminal in a the packet-switched data session is performed before the circuit-switched call is originated.

4. (Original) A method of delivering data from a first mobile terminal to a second mobile terminal through a packet switched network, said method comprising the steps of:

establishing a first data session between the first mobile terminal and the second mobile terminal;
passing, in connection with the first data session, an identifier of the first mobile terminal to a program in the second mobile terminal;

establishing a second data session between the first mobile terminal and the second mobile terminal;

passing, in connection with the second data session, the identifier of the first mobile terminal to the program in the second mobile terminal;

associating by the program, the first data session with the second data session by matching the identifier of the first mobile terminal received in connection with each session; and

presenting information from the first and second data sessions to a user of the second mobile terminal.

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5. (Original) A method of delivering data and real-time media from a first Class-A mobile terminal to a second Class-A mobile terminal, said data being transferred through a packet-switched network, and said real-time media being transferred through a circuit-switched network, said method comprising the steps of:

setting up a circuit-switched call to pass the real time media from the first mobile terminal to the second mobile terminal;

setting up a packet-switched data session during the circuit-switched call to pass the data from the first mobile terminal to the second mobile terminal;

associating the data session with the circuit switched call in the second mobile terminal using binding information passed from the first mobile terminal to the second mobile terminal; and

simultaneously presenting the real-time media and the data to a user of the second mobile terminal.

6. (Original) The method of delivering data and real-time media of claim 5 wherein the step of setting up a circuit-switched call includes setting up a voice call.

7. (Original) A method of delivering data and real-time media from a first Class-B mobile terminal to a second Class-B mobile terminal, said data being transferred through a packet-switched network, and said real-time media being transferred through a circuit-switched network, said method comprising the steps of:

passing the data from the first mobile terminal to the second mobile terminal in a packet-switched data session, said data including an identifier of the data session;

storing the data and the identifier of the data session in the second mobile terminal;

setting up a circuit-switched call to pass the real time media from the first mobile terminal to the second mobile terminal after the data session is complete, said setting up step including the step of passing the identifier of the data session to the second mobile terminal;

associating the data session with the circuit switched call in the second mobile terminal using the identifier of the data session as binding information between the session and the call; and

presenting the data to a user of the second mobile terminal during the circuit-switched call.

8. (Original) The method of delivering data and real-time media of claim 7 further comprising, before the step of setting up the circuit-switched call, the step of sending a message from the second mobile terminal to the first mobile terminal indicating that the data session is complete.

9. (Original) The method of delivering data and real-time media of claim 8 wherein the step of setting up the circuit-switched call includes the step of automatically originating the circuit-switched call by the first mobile terminal upon receiving the message from the second mobile terminal indicating that the data session is complete.

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10. (Original) The method of delivering data and real-time media of claim 7 wherein the second mobile terminal includes an application program, and the steps of storing the data and the identifier of the data session, associating the data session with the circuit-switched call, and presenting the data to the user of the second mobile terminal are performed by the application program.

11. (Currently amended) The method of delivering data and real-time media of claim 7 wherein the identifier of the data session is an identifier of the first mobile terminal that is normally passed during setup of a the circuit switched call.

12. (Original) The method of delivering data and real-time media of claim 11 wherein the step of associating the data session with the circuit-switched call in the second mobile terminal using the identifier of the data session as binding information includes associating an identifier of the first mobile terminal received by the second mobile terminal during the data session and during setup of the circuit-switched call.

13. The method of delivering data and real-time media of claim 11 wherein the identifier of the first mobile terminal is selected from a group consisting of a Mobile Station Identity (MSID), a Mobile Identification Number (MIN), and an Electronic Serial Number (ESN).

14. (Original) A method of delivering data and real-time media from a first Class-B mobile terminal to a second Class-B mobile terminal, said data being transferred through a packet-switched network, and said real-time media being transferred through a circuit-switched network, said method comprising the steps of:

passing the data from the first mobile terminal to an application program in the second mobile terminal in a packet-switched data session, said data including an identifier of the first mobile terminal;

storing the data and the identifier of the first mobile terminal by the application program in the second mobile terminal;

sending a message from the second mobile terminal to the first mobile terminal indicating that the data session is complete;

automatically setting up a circuit-switched call by the first mobile terminal to pass the real-time media from the first mobile terminal to the second mobile terminal after the data session is complete, said setting up step including the step of passing the identifier of the first mobile terminal to the second mobile terminal;

associating the data session with the circuit switched call by the application program in the second mobile terminal, said program using the identifier of the first mobile terminal as binding information between the session and the call; and

presenting the data to a user of the second mobile terminal during the circuit-switched call.

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15. (New) A mobile terminal receiving data and real-time media from another mobile terminal, said data being transferred through a packet-switched network, and said real-time media being transferred through a circuit-switched network, the mobile terminal comprising:

a program acting to receive the real-time media from the other mobile terminal through a circuit switched call, and to further receive the data from the other mobile terminal through a packet-switched data session;

wherein the program further associates the circuit-switched call with the data session using binding information passed from the other mobile terminal, and simultaneously presents the real-time media and the data to a user of the mobile terminal.

16. (New) The mobile terminal of claim 15, wherein the mobile terminal and the other mobile terminal are Class-A mobile terminals, and the program of the mobile terminal receives the data from the other mobile terminal through the packet-switched data session while the circuit-switched call is on-going.

17. (New) The mobile terminal of claim 15, wherein the mobile terminal and the other mobile terminal are Class-B mobile terminals, and the program of the mobile terminal receives the data from the other mobile terminal through the packet-switched data session before the circuit-switched call is originated.